



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
OECA MC 2225A
WASHINGTON DC 20460

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**Mailroom: Response Required for Each Permit.
Please forward to responsible office.**



IMPORTANT NOTICE TO NPDES PERMITTEES
DMR-QA Study 24 Announcement
RESPONSE REQUIRED

DMR-QA STUDY 24

IMPORTANT NOTICE TO DESIGNATED NPDES PERMITTEES

To verify that you have received Study 24, IMMEDIATELY email your response or mail this form to:

JOHN HELM
USEPA OECA MC 2225A
1200 PENNSYLVANIA AVENUE
WASHINGTON DC 20460

A separate response is required for each NPDES Permit

NPDES PERMITTEE ADDRESS VERIFICATION FORM (AVF) Discharge Monitoring Report - Quality Assurance (DMR-QA) STUDY 24

Attention NPDES Permittee:

**If you have Internet access, you are asked to respond via email to dmrqa@epa.gov by 05/23/2004 (see instructions on page 2).
Blind Copy or cc your State or Regional Coordinator via mail or electronically**

Please provide corrections to the mailing address where all DMR-QA paperwork should be sent:

NPDES Permit Number:

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(2-character State code + 7 digits as shown on the mailing label, for example: CA1234567)

Company Name _____

Contact Name _____ Title _____

Mailing Address _____

City _____ State _____ Zip Code _____

Phone(____) _____ Fax Number(____) _____

Email Address _____

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D. C. 20460



OFFICE OF
ENFORCEMENT AND
COMPLIANCE ASSURANCE

March 19, 2004

Dear NPDES Permit Holder:

This letter announces the 2004 Discharge Monitoring Report - Quality Assurance (DMR-QA) Study 24. Your participation in DMR-QA plays a key role in monitoring the quality of data used to ensure the safety of the nation's waters. This letter initiates both chemistry and whole effluent toxicity (WET) testing. The study schedule requires that all actions under Study 24 be completed by the end of calendar year 2004. Refer to the enclosed "NPDES Permittee Instructions" for details on what you, as the permit holder, must do to complete this study. Again this year, test samples must be obtained from accredited commercial providers.

Who must participate?

DMR-QA is mandatory for all major and selected minor permit holders under the Clean Water Act's National Pollutant Discharge Elimination System (NPDES). DMR-QA evaluates the analytic and reporting ability of laboratories that routinely perform inorganic and WET self-monitoring analyses required in NPDES permits. These monitoring analyses are reported by you in Discharge Monitoring Reports. As the permit holder, you are responsible for obtaining results of DMR-QA tests performed by your in-house or contract laboratories and submitting the results to the appropriate (federal or state) NPDES regulatory authority.

What do I need to have tested and reported?

For the chemical tests under DMR-QA, you are responsible only for those chemical analytes that are both in your permit and in Study 24. The chemical analytes in Study 24 are listed in "Instructions for DMR-QA 24 Chemical Testing" (in enclosure).

For the WET tests under DMR-QA, you are responsible only for test organisms that are both in your permit and included in the Study 24. You are required to participate even if the test conditions (e.g., time of acute test, renewal/non-renewal, synthetic seawater matrix, etc.) in your permit do not exactly match those in Study 24. If they do not match, refer to "Instructions for DMR-QA 24 WET Testing" (in enclosure).

Where do laboratories get test samples?

All laboratories (in-house and contract, chemistry and WET) must order required DMR-QA 24 study samples by June 2, 2004, from a commercial provider that is appropriately accredited by the National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program (NIST NVLAP). A list of accredited providers is in "NIST Accredited Providers for Chemistry and WET" (in enclosure) and can also be found on-line at <http://ts.nist.gov/ts/htdocs/210/214/scopes/calchem.htm>. The providers supply the test samples and instructions and evaluate the results reported to them by the testing facilities. They also send a report of the test results to the permittees and state and regional NPDES permit authorities.

How do I report receipt of this notice?

In the last DMR-QA study, we piloted in some states the efficiency of reporting by e-mail your receipt of this announcement notice, including verification of your address and permit identification information. The results were positive and we are now inviting all permit holders with e-mail capabilities to submit their receipt and verification forms by e-mail by following the instructions in the enclosure. Of course, you can continue to use regular mail if you wish.

Further information

Additional copies of Study 24 are available at www.epa.gov/compliance/monitoring/selfevaluation/dmr/index.html. You are able to download all or selected portions of the package. For any questions, contact your state or U.S. Environmental Protection Agency regional DMR-QA coordinator, whose name, address, and phone number are listed in the enclosure. Reference your NPDES permit and telephone number on all correspondence. The coordinators play an important role in reviewing test results and providing follow-up and guidance. Questions or comments on the national program can be addressed to Dr. John Helm, DMR-QA Coordinator, at e-mail address: DMRQA@epa.gov, or by mail at the address listed with the state and regional coordinators.

Thank you in advance for cooperating in this national program to assure the quality of NPDES self-reporting data.

Sincerely,

/s/

Michael M. Stahl, Director
Office of Compliance

Enclosure: Discharge Monitoring Report-Quality Assurance (DMR-QA) Study 24
NPDES Permittee Instructions (Chemistry and WET)

Instructions for Verifying Receipt of this Package DMR-QA Study 24

A separate response is required for each NPDES permit number.

All permittees must respond to this notice to confirm their receipt of Study 24. **All permittees who have Internet access are asked to respond via email to dmrqa@epa.gov by 5/24/2004.** If you do not have Internet access, please mail the Address Verification Form (AVF) located at the front of this package. The mailed form should be postmarked on or before 5/24/2004.

To respond via email, please carefully follow these instructions:

1. Each email response must have a single NPDES permit number as the email subject line in the following format:

_____ (e.g., CA1244567)
State abbrev. 7-digit permit number

2. In the body of the email include the following information in the format presented:

<Permit Number>
<Company Name>
<Contact Name>
<Address>
<City>
<State>
<Zip>

3. If any of the above information is a correction to the Study 24 mailing label, please put a "C" in the email subject line after your permit number.

Sample response email:

From: youremail@company.com

To: dmrqa@epa.gov

Subject: CA1244567 - C (***3** indicates a correction*)

CA1244567
Company A
John Doe
124 Main Street
Anyplace
CA
12445

Note: Please send a separate email for each permit.

4. Please do not include any other correspondence in this confirmation email. Additional comments or questions may be sent as separate e-mails to the same address.

Note: To respond via regular mail please use the Address Verification Form included at the front of this package.

Check List for Permittees and DMR-QA Study 24 Schedule

BY MAY 24, 2004

STEP 1 - Submit address verification form acknowledging of receipt of this package via email or regular mail, postmarked on or before May 24, 2004. (see page 3). 9

STEP 2 - Review Permit, Lab Certificate, Lab Codes, Identification Numbers, etc. 9

BY JUNE 2, 2004 (beginning of test)

STEP 3

Do you use ONLY an in-house lab?

Test samples must be ordered by June 2 from a Provider using your EPA labcode. 9

OR

Do you use an in-house AND a contract lab?

Order test samples from a Provider using your EPA labcode. 9

Instruct contract lab to order test samples and perform analyses. 9

OR

Do you use ONLY a contract lab?

Instruct contract lab to order test samples and perform analyses by August 20, deadline for contract labs to report to PT Providers. 9

BY THE PROVIDER'S REPORTING DEADLINE AND BEFORE SEPTEMBER 3, 2004

STEP 4 - Conduct analyses and complete data forms (sent by the providers with the samples) and NPDES Permittee Data Report Form (four-page form included in the study package or Provider-supplied cover sheets). 9

STEP 5 - For each Provider used, attach the NPDES Permittee Data Report Form to the data report form sent by the Provider. These are your completed "Data Packages." 9

STEP 6 - Make two copies of the Data Package(s). 9

STEP 7 - Mail the signed original ungraded Data Package(s) to your sample Provider(s), sent or postmarked by September 3. Maintain a copy for your records. 9

BY OCTOBER 29, 2004

STEP 8 - Provider-graded test results required for each individual permit will be sent by the permittees to state and Regional NPDES Permit Authorities. 9

BY DECEMBER 8, 2004

STEP 9 - If any data are reported as "not acceptable," negotiate any corrective actions with the state or Regional NPDES Permit Regulatory Authority and submit a signed corrective action report. 9

You have completed your reporting for DMR-QA Study 24

Definitions

Provider = NIST NVLAP-Approved contract laboratory that manufactures standard test samples.

Provider Data Form = Report form sent by the providers with the samples to be completed by the laboratory conducting the QA tests; data from these forms will be evaluated by the Provider to determine testing proficiency. Use of these forms is acceptable.

Data Package = The complete set of data containing the following: the Provider's Data Form(s) and the 4-page EPA form contained in this study package after page 20. NOTE: some Providers may include the 4-page form with their Provider Data Forms that accompany the samples.

WET = Whole Effluent Toxicity.

NPDES Permittee Instructions

DMR-QA Study 24

1. **Submit response for receipt of this package to USEPA.** Your response is required to ensure that the package was properly received and recognized, and to verify that your mailing information is correct. You must submit your response no later than **May 24, 2004**. Follow instructions inside the front cover or on page 3.

2. **You must use your usual laboratories to analyze DMR-QA Study 24 samples.**

Chemistry Portion

If you routinely perform any analyses at your facility (in-house laboratories) such as pH, TRC, etc., these tests are required to be conducted on-site. If more than one laboratory performs the analysis on a particular analyte, the laboratory performing the majority of the analyses must analyze the samples for DMR-QA Study 24.

WET Portion

WET QA testing is required if your permit requires WET testing during 2004 on the test organisms included in this study. If you routinely perform WET tests at your facility (in-house laboratories), those tests should be conducted on-site. If more than one laboratory performs toxicity testing for your permit, the laboratory performing the majority of each test must analyze samples for DMR-QA Study 24.

3. **Send the Study 24 instructions from this package to your laboratory.** Inform each in-house or contracted support laboratory that routinely produces DMR data for your NPDES permit which tests they must conduct and report to you. Send a copy of the appropriate instructions as follows:

Chemistry Portion

- a) DMR-QA Chemistry Laboratory Instructions and Analyte Checklist (pages 8 - 9)
- b) NIST-Accredited Providers (page 15)

WET Portion

- a) DMR-QA WET Testing Laboratory Instructions and WET Organisms/Test Conditions/End Points (pages 11 - 14)
- b) NIST-Accredited Providers (page 15)

Helpful Hint: If you have more than one laboratory analyzing DMR-QA Study 24 samples, direct all of the labs to get their samples from the same Provider (PROVIDER=company that manufactures the samples). Remember that you must have the resulting data evaluated by the Provider that manufactured the samples for each test, so a common source for all samples clearly would be advantageous to you.

4. **Make certain that your in-house and/or contracted labs understand and complete all requirements.** Each laboratory must use the USEPA-assigned Laboratory Code on all reported results. If you are not sure of your USEPA Labcode, have you checked your previous DMR-QA reports for the Labcode you have used? If you need a new Labcode or need to check on your old Labcode: call, fax or write:

**Mr. Charles Feldmann
US EPA, M/S 140
26 W. Martin Luther King Drive
Cincinnati, OH 45268
(513) 569-7671: fax (513) 569 -7191**

to obtain this information.

5. **Order samples as required by your permit.** You or your contract lab must request samples from Providers before June 2, 2004.

You or your contract lab may want to use your DMR-QA study results as one of your Proficiency Testing (PT) rounds for state certification. To do so, contact your State Coordinator to determine if they will

accept the results from a standard DMR-QA Study (i.e., start date=June 2; end date=September 3) for your PT round. Some states will not accept the standard DMR-QA results. If this is the case, you can elect to use an approved Water Pollution (WP) Study for generating results for DMR-QA Study 24. WP studies are only valid for DMR-QA Study 24 if the study meets the following requirements:

- a) Data (i.e., final results) must not be released prior to June 2, 2004.
- b) Study close date is on or before September 3, 2004.
- c) Study is offered by a NIST Accredited Provider.

If you choose to use a WP study, please be aware that you must report all data to the Provider by their published WP Study Close Date even if it is prior to the DMR-QA deadline of September 3, 2004. [Notify the Provider that WP is being used for DMR-QA]. You may not extend a Provider's WP Study Close Date to September 3, 2004 to match the DMR-QA deadline.

Remember that the test results should be sent from the performing lab to you by August 20 so that you can get the results to the Providers by September 3.

In your DMR-QA report, ONLY REPORT RESULTS FOR THOSE ANALYTES COVERED BY YOUR NPDES PERMIT.

- 6. **Perform analyses within the deadlines defined by the Provider.**
- 7. **Obtain the results of your tests on the DMR-QA Study 24 Data Report Form(s).**

Helpful Hint: Set a date by which test result data must be mailed to you that allows you enough time to complete the Final Data Packages and submit them to your sample Provider.

- 8. **Complete the information in this study package** entitled "NPDES PERMITTEE DATA REPORT FORM" (located after page 20) or the Provider-supplied forms for DMR-QA Study 24.
- 9. **Make copies of the four-page "NPDES PERMITTEE DATA REPORT FORM" or the Provider-supplied forms and attach a copy to each Provider Data Report Form received.** This creates a permittee data package that is ready for submission to each Provider you used.
- 10. **By September 3, 2004, submit permittee data packages** to the Provider that produced the samples you used.

Include the completed, signed "Analyte Check List, DMR-QA Study 24" (page 9) with the package you are submitting to your regulatory authority.

Note: allow two to three weeks between test lab report and permittee report

- 11. **Investigate any discrepancies or "not acceptable" data reported by your Provider.** You must identify and report the causes and your system changes to correct discrepancies to avoid their reoccurrence. This signed report must be sent to your primary regulatory authority and DMR-QA coordinator by **December 8, 2004**. It is recommended that the report be submitted so that the delivery and receipt of the report can be tracked.
- 12. **Maintain a copy of all completed forms for your records for at least 3 years.**

DMR-QA Chemistry Laboratory Instructions

DMR-QA Study 24

Your laboratory has been designated to participate in DMR-QA Study 24 by a National Pollutant Discharge Elimination System (NPDES) permittee. The permittee is required to report sample data produced by laboratories that routinely perform specified chemistry analyses for their DMR purposes.

1. DETERMINE which analyses you are to perform.

The enclosed check list indicates which analyses you are to perform.

2. ORDER DMR-QA Study 24 samples before June 2, 2004.

To acquire the DMR-QA Study 24 chemistry samples, arrange to purchase them from one of the NIST NVLAP-accredited Providers listed on page 15, or at the following web site:

<http://ts.nist.gov/ts/htdocs/210/214/scopes/calchem.htm>, or as specified by the permittee.

3. RECORD your analytical data and EPA Labcode on the data reporting form received with your samples.

Be sure to follow the Provider's instructions and deadlines received with these samples.

4. SEND each permittee the data they requested.

Use the Provider's data reporting form, or a copy of it, allowing sufficient time for the permittee to send the completed form to the Provider by the Provider's due date but no later than **September 3, 2004**.

Helpful Hint: If you must participate in a Water Pollution (WP) study for the same analytes to qualify for state wastewater laboratory certification, you may be able to report the same analytical results to both:

- a) the requesting permittees to satisfy your DMR-QA obligations, and
- b) the Provider that supplied the DMR-QA Study 24 chemistry samples for WP evaluation if the study results are published after June 2, 2004 and a performance period ending on or before September 3, 2004.

Note: Check with your state wastewater certification office and the Provider to verify that such a plan is acceptable to them.

5. Maintain a copy of all completed order forms for your records.

Permittee: _____

Permit Number: _____

Analyte Check List DMR-QA Study 24

NPDES Testing Requirement	Test Sample Ordered	Test Substance	Test Completed
9	9	Aluminum	9
9	9	Arsenic	9
9	9	Cadmium	9
9	9	Chromium	9
9	9	Cobalt	9
9	9	Copper	9
9	9	Iron	9
9	9	Lead	9
9	9	Manganese	9
9	9	Mercury	9
9	9	Nickel	9
9	9	Selenium	9
9	9	Vanadium	9
9	9	Zinc	9
9	9	Ammonia	9
9	9	Nitrate	9
9	9	Orthophosphate	9
9	9	Total Kjeldahl nitrogen	9
9	9	Total Phosphorus	9
9	9	COD	9
9	9	TOC	9
9	9	5-day BOD	9
9	9	5-day carbonaceous BOD	9
9	9	pH	9
9	9	Total cyanide	9
9	9	Non-filterable residues (TSS)	9
9	9	Oil and grease	9
9	9	Total Phenol (by the 4AAP method)	9
9	9	Total residual chlorine	9

Signed: _____ Date: _____

Contract Laboratory: This check list is to be used according to the instructions provided by the permittee.

Permittee: Return this check list with the final package sent to your regulatory authority.

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DMR-QA WET Testing Laboratory Instructions

DMR-QA Study 24

Your laboratory has been designated to participate in DMR-QA Study 24 by a National Pollutant Discharge Elimination System (NPDES) permittee. The permittee is required to report sample data produced by laboratories that routinely perform analyses for their DMR purposes. DMR-QA is designed to test the ability of a testing facility to conduct the required testing procedures included in NPDES permits and to follow the directions associated with required test methods. WET testing is required if the permittee is required to conduct WET testing under their NPDES permit during 2004.

1. DETERMINE the WET tests and designated methods to perform for Study 24.

Select the test organism and testing conditions that most closely resemble the testing conditions required by the permit for which you are supplying test results. Use the guidelines immediately below and the table "Required DMR-QA Study 24 WET Organisms/Test Conditions/End Points" (on the next page) to select the proper WET tests. The permittee should indicate which tests are to be performed by checking the appropriate box in the table.

Guidelines for Choosing the Correct WET Test Organisms/Conditions/End-Points

If your permit requires WET testing with fathead minnows, *Ceriodaphnia dubia*, *Daphnia magna*, *Daphnia pulex*, *Mysidopsis bahia*, Inland silverside (*Menidia beryllina*) or Sheepshead minnow (*Cyprinodon variegates*), test those organisms listed in your permit using the test conditions, including temperature, defined in the Test Codes listed below.

If your permit WET testing conditions for *Ceriodaphnia dubia* specify 48-h acute, **non-renewal** testing, conduct this test using the static, **renewal** acute conditions defined by Test Codes 17, 18, 19, and 20. The testing conditions defined for these Test Codes, have been proven to provide an appropriate measure of your ability to perform WET testing with *Ceriodaphnia dubia*.

If your permit WET testing conditions for *Daphnia magna* and *Daphnia pulex* specify 48-h acute, **renewal** testing, you must conduct this test using the **non-renewal** conditions specified in the Test Codes 32, 36 and 38 listed below.

If your permit WET testing conditions require 24-, 48- or 96-h acute testing using any of the organisms included in Study 24, use the 48-h acute test conditions specified in the Test Codes listed below.

If your permit requires WET testing with *Mysidopsis bahia*, Inland silverside (*Menidia beryllina*) or Sheepshead minnow (*Cyprinodon variegates*) and your laboratory uses an alternate synthetic seawater (e.g., Hawaiian Brands or GP2, etc.) other than the 40 Fathoms specified in the Test Codes listed below, your laboratory must still perform testing.

- 2. ORDER DMR-QA Study 24 samples before June 2, 2004.** To acquire the DMR-QA Study 24 toxicity samples, arrange to purchase them from one of the Providers. See page 15 or: <http://ts.nist.gov/ts/htdocs/210/214/scopes/calchem.htm> or as specified by the permittee.
- 3. RECORD test results and laboratory identification on the Data Report Form received with your samples.** Be sure to follow the Provider's instructions and deadlines received with these samples.
- 4. SEND each participating permittee the data they requested.** Use the Provider's Data Report Form, or a copy of it, allowing sufficient time for the permittee to send the completed form back to the Provider by the published study close date or no later than **September 3, 2004**.
- 5. Maintain a copy of all completed order forms for your records.**

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Permittee: _____

Permit Number: _____

Required DMR-QA 24 WET Organisms/Test Conditions/End Points

The following table lists tests required for DMR-QA Study 24. Permittees should indicate which methods are required in their permit.

Analyte Number	Organisms/Conditions	End Points	Test Req'd
Test Code 11/EPA Method 2000			
752	Fathead minnow (<i>Pimephales promelas</i>) - MHSF 20°C	LC50	<input type="checkbox"/>
Test Code 13/EPA Method 2000			
754	Fathead minnow (<i>Pimephales promelas</i>) - MHSF 25°C	LC50	<input type="checkbox"/>
Test Code 14/EPA Method 2000			
755	Fathead minnow (<i>Pimephales promelas</i>) - MHSF 25°C	LC50	<input type="checkbox"/>
Test Code 15/EPA Method 1000			
756	Fathead minnow (<i>Pimephales promelas</i>) - MHSF	NOEC SURVIVAL	<input type="checkbox"/>
808	Fathead minnow (<i>Pimephales promelas</i>) - MHSF	IC25 GROWTH	<input type="checkbox"/>
809	Fathead minnow (<i>Pimephales promelas</i>) - MHSF	IC25 (SN) GROWTH	<input type="checkbox"/>
810	Fathead minnow (<i>Pimephales promelas</i>) - MHSF	NOEC (ON) GROWTH	<input type="checkbox"/>
811	Fathead minnow (<i>Pimephales promelas</i>) - MHSF	NOEC (SN) GROWTH	<input type="checkbox"/>
Test Code 16/EPA Method 1000			
759	Fathead minnow (<i>Pimephales promelas</i>) - 20% DMW	NOEC SURVIVAL	<input type="checkbox"/>
812	Fathead minnow (<i>Pimephales promelas</i>) - 20% DMW	IC25 GROWTH	<input type="checkbox"/>
813	Fathead minnow (<i>Pimephales promelas</i>) - 20% DMW	IC25 (SN) ¹ GROWTH	<input type="checkbox"/>
814	Fathead minnow (<i>Pimephales promelas</i>) - 20% DMW	NOEC (ON) ² GROWTH	<input type="checkbox"/>
815	Fathead minnow (<i>Pimephales promelas</i>) - 20% DMW	NOEC (SN) GROWTH	<input type="checkbox"/>
Test Code 17/EPA Method 2002			
762	<i>Ceriodaphnia dubia</i> - MHSF	LC50	<input type="checkbox"/>
Test Code 18/EPA Method 2002			
763	<i>Ceriodaphnia dubia</i> - 20% DMW	LC50	<input type="checkbox"/>
Test Code 19/EPA Method 2002			
764	<i>Ceriodaphnia dubia</i> - MHSF 25°C	LC50	<input type="checkbox"/>
Test Code 20/EPA Method 2002			
765	<i>Ceriodaphnia dubia</i> - 20% DMW 25°C	LC50	<input type="checkbox"/>
Test Code 21/EPA Method 1002			
766	<i>Ceriodaphnia dubia</i> - MHSF	NOEC SURVIVAL	<input type="checkbox"/>
767	<i>Ceriodaphnia dubia</i> - MHSF	IC 25 REPRODUCTION	<input type="checkbox"/>
768	<i>Ceriodaphnia dubia</i> - MHSF	NOEC REPRODUCTION	<input type="checkbox"/>
Test Code 22/EPA Method 1002			
769	<i>Ceriodaphnia dubia</i> - 20% DMW	NOEC SURVIVAL	<input type="checkbox"/>
770	<i>Ceriodaphnia dubia</i> - 20% DMW	IC25 REPRODUCTION	<input type="checkbox"/>
771	<i>Ceriodaphnia dubia</i> - 20% DMW	NOEC REPRODUCTION	<input type="checkbox"/>
Test Code 32/EPA Method 2021			
788	<i>Daphnia magna</i> - MHSF 20°C	LC50	<input type="checkbox"/>
Test Code 36/EPA Method 2021			
792	<i>Daphnia pulex</i> - MHSF 20°C	LC50	<input type="checkbox"/>

Analyte Number	Organisms/Conditions	End Points	Test Req'd
Test Code 38/EPA Method 2021			
794	<i>Daphnia pulex</i> - MHSF 25°C	LC50	<input type="checkbox"/>
Test Code 42/EPA Method 2007			
798	Mysid (<i>Mysidopsis bahia</i>) 20°C	LC50	<input type="checkbox"/>
Test Code 43/EPA Method 1007			
799	Mysid (<i>Mysidopsis bahia</i>)	NOEC SURVIVAL	<input type="checkbox"/>
816	Mysid (<i>Mysidopsis bahia</i>)	IC25 GROWTH	<input type="checkbox"/>
817	Mysid (<i>Mysidopsis bahia</i>)	IC25 (SN) GROWTH	<input type="checkbox"/>
818	Mysid (<i>Mysidopsis bahia</i>)	NOEC (ON) GROWTH	<input type="checkbox"/>
819	Mysid (<i>Mysidopsis bahia</i>)	NOEC (SN) GROWTH	<input type="checkbox"/>
Test Code 44/EPA Method 2006			
803	Inland silverside (<i>Menidia berylina</i>) 20°C	LC50	<input type="checkbox"/>
Test Code 46/EPA Method 2004			
804	Sheepshead minnow (<i>Cyprinodon variegatus</i>) 20°C	LC50	<input type="checkbox"/>
Test Code 47/EPA Method 1004			
805	Sheepshead minnow (<i>Cyprinodon variegatus</i>)	NOEC SURVIVAL	<input type="checkbox"/>
820	Sheepshead minnow (<i>Cyprinodon variegatus</i>)	IC25 GROWTH	<input type="checkbox"/>
821	Sheepshead minnow (<i>Cyprinodon variegatus</i>)	IC25 (SN) GROWTH	<input type="checkbox"/>
822	Sheepshead minnow (<i>Cyprinodon variegatus</i>)	NOEC (ON) GROWTH	<input type="checkbox"/>
823	Sheepshead minnow (<i>Cyprinodon variegatus</i>)	NOEC (SN) GROWTH	<input type="checkbox"/>

¹ Survival Number

² Original Number

References Manuals for WET Tests (see www.epa.gov/waterscience/WET)

All tests must be conducted according to the standard methods published in the following EPA manuals. Please consult these manuals for proper test, culturing, and water preparation guidance.

1. Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms, EPA 600-4-90-027F.
2. Short-term Methods for Estimating for Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, Second Edition, EPA 600-4-89-001 or EPA 600-4-91-002.
3. Supplement to Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, Second Edition, EPA 600-4-89-001A.
4. Short-term Method for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms, EPA 600-4-87-028 or EPA 600-4-91-003.
5. October 2002. Method for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms, Fifth Edition, EPA 821-R-02-012.
6. October 2002. Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, Fourth Edition, EPA 821-R-02-013.
7. October 2002. Short-term Method for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms, Third Edition, EPA 821-R-02-014.

NIST ACCREDITED PROVIDERS*
WEB SITE: <http://nist.gov>

Please contact individual laboratories to obtain samples and test schedule. Find the following NIST Providers on the internet at: <http://ts.nist.gov/ts/htdocs/210/214/scopes/calchem.htm>.

NIST NVLAP-Accredited Provider	Chem	WET
Environmental Resource Associates (ERA), Arvada, CO [200386-0] Mr. Curtis Wood (303) 431-8454 or (800) 372-0122, cwood@eraqc.com	U	U
Wibby Environmental, Golden, CO [200615-0] Mr. Chuck Wibby (303) 940-0033, cwibby@wibby.com	U	U
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NSI Solutions, Inc., Raleigh, NC [200340-0] Mr. Mark Hammersla (919) 957-9672 or (800) 234-7837, markhammersla@nsi-es.com	U	
Protocol Analytical, LLC, Middlesex, NJ [200395-0] Mr. William H. Hahn Jr. (732) 627-0500, (800) 862-0080, bhahn@prosteds.com (WP Chem, WS Micro)	U	
Spex Certiprep Inc., Metuchen, NJ [200392-0] Dr. Vanaja Sivakumar (732) 549-7144 X418 or (800) 522-7739, x 418 vsivakumar@spexcsp.com	U	U
NYS DOH Environmental Laboratory Approval Program, Albany, NY [200387-0] Dr. Kenneth Jackson (518) 485-5570, jackson@wadsworth.org	U	
Analytical Products Group, Inc., Belpre, OH [200384-0] Mr. Thomas Coyner (740) 423-4200 or (800) 272-4442, t.coyner@apgqa.com	U	
Microcheck, Inc., Northfield, VT [200391-0] Dr. Michael G. Sinclair (802) 485-6600 X22, mike@microcheck.com (WS Micro)	U	
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Resource Technology Corporation (RTC), Laramie, WY [200393-0] Mr. Robert Rucinski (307) 742-5452 or (800) 576-5690, rrucinski@RT-Corp.com	U	U

*The NIST NVLAP-Accredited Providers are listed on the NIST web site under Laboratory Accreditation, NVLAP-Accredited Laboratories Directory, Chemical Calibration: Providers of Proficiency Testing and are accurate as of publication of this notice. Additions to the list can be obtained from the NIST NVLAP Web site.

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State and Regional Coordinators are frequently changed.
Please consult www.epa.gov/compliance/monitoring/selfevaluation/dmr for the latest list of coordinators.

NPDES PERMITTEE DATA REPORT FORM

	United States Environmental Protection Agency Laboratory DMR-QA Evaluation Study 24 Laboratory Performance Evaluation (These data are collected under the authority of the Federal Water Pollution Control Act.)																EPA USE ONLY				NPDES Permit Number								Permit Extension																																																																			
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<p align="center">Certification by Permit Holder or Authorized Representative (as per 40 CFR Part 122.22 - see instructions.)</p> <p>I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Each reported value was produced from a single analytical run using the analytical system that routinely performs these analyses to produce compliance monitoring data required under our National Pollutant Discharge Elimination System (NPDES) permit. Neither I nor any of my subordinates compared our results with results from independent analyses conducted by us or any other laboratory before we reported our results to the USEPA. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.</p>																																																																																																
Name and Title of Certifying Official (Type or Print)																Signature												Date Signed																																																																				
Address of Certifying Official (if different from Permittee address above.)																						Telephone Number																																																																										



United States Environmental Protection Agency
DMR-QA Study 24
Laboratory Performance Evaluation
(These data are collected under the authority of the Federal Water Pollution Control Act.)

Paperwork Reduction Act Notice

Public reporting burden for this collection of information is estimated to average 4.37 hours per respondent. The estimate is based on conduction of an average of eleven analyses per responding permittee (the most frequently reported analyses are chemical). The estimate includes time for reading instructions, preparation of the performance samples, analyses, gathering, and reporting of the information. Send comments regarding the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to Director, OPPE Regulatory Information Division, U.S. Environmental Protection Agency (2137), 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, 725 17th St., NW, Washington, DC 20503, Attn.: Desk Officer for EPA. Include the EPA ICR number (EPA # 244.06) and the OMB number (2080-0021) in any correspondence.

Checklist for the NPDES Permittee Data Report Form

Enter your NPDES permit number at the top of pages 1 and 3, and where indicated on each laboratory data sheet you submit for evaluation. Also fill in other Permittee information on page 1.

You must fill in the 2-digit **permit extension** field at the top of page 1, if there is an extension for your permit code. If you have one, the extension will appear next to your permit code in the address box on page 1; for example: "NPDES Permittee MA0102451-**01**." If there is no extension, leave this field blank.

➤ Identify each of your laboratories on pages 3 and 4, including their USEPA Labcode. (NOTE: The USEPA labcode of the laboratory that produced the data must also appear next to each quantity reported on the data sheets.)

➤ Make copies of these four cover pages. Then attach a copy of these pages to the data sheet received from each laboratory, to create a complete Permittee data package. Submit each of these Permittee Data Packages to the provider who supplied the samples which were analyzed. **You are responsible for submitting data** to the various providers to meet your DMR-QA Study 24 reporting requirements.

☐ Sign and date the certification statement on page 1.

☐ Only use these Permittee cover pages along with the data sheet supplied by each laboratory to report DMR-QA Study 24 data.

➤ Submit the Permittee Data Packages to the providers **no later than September 3, 2004**.

➤ Submit a copy of the data package to your state or Regional NPDES Regulatory Authority.

EPA-420 (Cin), Rev. 04-00. Previous editions are obsolete.



United States Environmental Protection Agency

DMR-QA Study 24

Laboratory Performance Evaluation

(These data are collected under the authority of Federal Water Pollution Control Act.)

NPDES Permit Number

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Identification of All CHEM & TOX Laboratories who did Analyses for this Permit

Permit Number:

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Name	Address	Lab Code assigned by USEPA	Lab Analysis- Put an 'X' in all that apply:		Lab Type - choose one: F = Federal S = State G = Local Gov. C = Commercial I = Industrial O = Other																																			
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United States Environmental Protection Agency
DMR-QA Study 24
Laboratory Performance Evaluation
 (These data are collected under the authority of Federal Water Pollution Control Act.)

Identification of All CHEM & TOX Laboratories who did Analyses for this Permit
 (continued from previous page)

Name	Address	Labcode assigned by USEPA	Lab Analysis-		Lab Type - choose one: F = Federal S = State G = Local Gov. C=Commercial I = Industrial O = Other
			Put an 'X' in all that apply:		
			Chem	Tox	
		<div style="display: flex; justify-content: space-between; padding: 2px;"> <u>43</u> <u>44</u> <u>45</u> <u>46</u> <u>47</u> <u>48</u> <u>49</u> </div>	<u>50</u>	<u>51</u>	<u>52</u>
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		<div style="display: flex; justify-content: space-between; padding: 2px;"> <u>63</u> <u>64</u> <u>65</u> <u>66</u> <u>67</u> <u>68</u> <u>69</u> </div>	<u>70</u>	<u>71</u>	<u>72</u>

420 (Cin), Rev. 04-00. Previous editions are obsolete.

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